

Appendix B

Final Biological and Conference Opinion for Bureau of Reclamation, Bureau of Indian Affairs, and Non-Federal Water Management and Maintenance Activities on the Middle Rio Grande, New Mexico

Consultation Number 02ENNM00-2013-F-0033

History of formal section 7 consultations in the Middle Rio Grande

History of formal section 7 consultations in the Middle Rio Grande.**Entire MRG (not reach-specific)**

Consultation Number and Project Name	Action Agency	Location	Project Type	BiOp Issue Date	Species	Critical Habitat	Conclusion
22420-1992-F-0373 Reconstruction of the Corrales Unit Levee, Middle Rio Grande Flood Protection Project, Sandoval and Bernalillo Counties, New Mexico	U.S. Army Corps of Engineers	Middle Rio Grande from the Village of Corrales to the City of Belen	River Maintenance	March 20, 1995	Bald Eagle (BAEA) Rio Grande Silvery Minnow (RGSM) Southwestern Willow Flycatcher (SWFL)	RGSM (proposed) SWFL (proposed)	No Jeopardy (BAEA, RGSM, SWFL) Not Likely to Destroy or Adversely Modify proposed critical habitat (RGSM, SWFL)
22420-1996-F-0422 Summer Operations of the Middle Rio Grande through October 31, 1996	U.S. Bureau of Reclamation U.S. Army Corps of Engineers	Middle Rio Grande	Programmatic Water Operations (delivery of San Juan-Chama water)	September 30, 1996	RGSM SWFL BAEA	RGSM (proposed) SWFL (proposed)	No Jeopardy (RGSM) Concurrence for No Effect to proposed critical habitat (RGSM, SWFL) Concurrence for Not Likely to Adversely Affect (SWFL, BAEA)
22420-1997-F-0300 Water Operations of the Middle Rio Grande During the 1997 Irrigation Season	U.S. Bureau of Reclamation U.S. Army Corps of Engineers	Middle Rio Grande	Programmatic Water Operations	January 7, 1998	RGSM SWFL	RGSM (proposed) SWFL	No Jeopardy (RGSM) Concurrence for Will Not Adversely Modify or Destroy proposed critical habitat (RGSM, SWFL) Concurrence for Not Likely to Adversely Affect (SWFL)
22420-2000-F-0316 Collection, Propagation, and Restocking of Rio Grande Silvery Minnow in Year 2000	U.S. Fish & Wildlife Service	Middle Rio Grande (New Mexico Highway 44 near Bernalillo to approximately River Mile (RM) 60 near Elephant Butte Reservoir)	Propagation and release of RGSM into the Middle Rio Grande	October 4, 2000	RGSM SWFL	RGSM	No Jeopardy (RGSM) Concurrence for No Effect to designated critical habitat (RGSM) Concurrence for Not Likely to Adversely Affect (SWFL)

Consultation Number and Project Name	Action Agency	Location	Project Type	BiOp Issue Date	Species	Critical Habitat	Conclusion
22420-2001-F-0431 U.S. Bureau of Reclamation's, U.S. Army Corps of Engineers', and Non-Federal Entities' Discretionary Actions Related to Water Management on the Middle Rio Grande, New Mexico	U.S. Bureau of Reclamation U.S. Army Corps of Engineers	Middle Rio Grande (from the headwaters of the Rio Chama watershed and the Rio Grande, including all tributaries, from the Colorado/New Mexico state line downstream to the headwaters of Elephant Butte Reservoir)	Programmatic Water Operations	June 29, 2001	RGSM SWFL BAEA whooping crane (WHCR) interior least tern (LETE)		Jeopardy with Reasonable and Prudent Alternative (RGSM, SWFL) Concurrence for Not Likely to Adversely Affect (BAEA, WHCR, LETE)
22420-2002-F-0608 U.S. Bureau of Reclamation's Amended Water Management Operations on the Middle Rio Grande through December 31, 2002	U.S. Bureau of Reclamation U.S. Army Corps of Engineers	Middle Rio Grande	Programmatic Water Operations (amendment to June 29, 2001 Biological Opinion)	September 12, 2002	RGSM SWFL	RGSM SWFL	Jeopardy/Adverse Modification with No Reasonable and Prudent Alternative (RGSM, SWFL)
22420-2003-F-0129 Bureau of Reclamation's Water and River Maintenance Operations, Army Corps of Engineers Flood Control Operation, and Related Non-Federal Actions on the Middle Rio Grande, New Mexico	U.S. Bureau of Reclamation U.S. Army Corps of Engineers	Middle Rio Grande (Rio Chama watershed and the Rio Grande, including all tributaries, from the Colorado/New Mexico State-line downstream to the headwaters of Elephant Butte Reservoir)	Programmatic Water Operations	March 17, 2003	RGSM SWFL BAEA LETE	RGSM SWFL	Jeopardy/Adverse Modification with Reasonable and Prudent Alternative (RGSM, SWFL) Concurrence for Not Likely to Adversely Affect (BAEA, LETE)

Consultation Number and Project Name	Action Agency	Location	Project Type	BiOp Issue Date	Species	Critical Habitat	Conclusion
22420-2006-F-0045 Buckman Water Diversion Project, Santa Fe National Forest, USDA Forest Service	U.S. Forest Service	Cochiti Reach of the Middle Rio Grande (Rio Grande from Otowi Gage to San Acacia Diversion Dam and the entire width of the 100-year floodplain within this reach)	Diversion of native and imported water at newly constructed diversion facility and associated operational facilities	June 25, 2007	RGSM SWFL BAEA	RGSM SWFL	No Jeopardy/No Adverse Modification (RGSM) Concurrence for Not Likely to Adversely Affect (SWFL, BAEA)
22420-2009-F-0089 Pueblo de San Felipe Priority Sites Phase I Project, Middle Rio Grande Proposed by the Bureau of Reclamation	U.S. Bureau of Reclamation	Cochiti Reach of the Middle Rio Grande (entire width of the 100 year floodplain of the Rio Grande encompassing four priority sites extending from RM 215.5 to 212.0)	River Maintenance	December 17, 2009	RGSM	RGSM	No Jeopardy/ No Adverse Modification (RGSM)
			Angostura	Reach			
22420-2003-F-0146 City of Albuquerque Drinking Water Project	U.S. Bureau of Reclamation	Albuquerque Reach of the Middle Rio Grande (outlet works of Heron Reservoir to the San Acacia Diversion Dam)	Construction of drinking water diversion structure	February 13, 2004	RGSM SWFL BAEA	RGSM	No Jeopardy/No Adverse Modification (RGSM) Concurrence for Not Likely to Adversely Affect (SWFL, BAEA)

Consultation Number and Project Name	Action Agency	Location	Project Type	BiOp Issue Date	Species	Critical Habitat	Conclusion
22420-2004-F-0369 Issuance of an Incidental Take Permit and approval of a Safe Harbor Agreement for the Rio Grande Silvery Minnow, Southwestern Willow Flycatcher, and Bald Eagle to the Pueblo of Santa Ana in New Mexico	U.S. Fish and Wildlife Service	Albuquerque Reach of the Middle Rio Grande (Pueblo lands, water, and facilities within which the permit authorizes incidental take)	Safe Harbor Agreement	May 20, 2004	RGSM SWFL BAEA		No Jeopardy (RGSM, SWFL, BAEA)
22420-2006-F-0002 Middle Rio Grande Riverine Habitat Restoration Project Proposed by the Interstate Stream Commission (Phase I)	U.S. Bureau of Reclamation	Albuquerque Reach of the Middle Rio Grande (Angostura Diversion Dam to the Isleta Diversion Dam and the entire width of the 100-year floodplain)	Habitat Restoration	November 22, 2005	RGSM SWFL BAEA	RGSM	No Jeopardy/No Adverse Modification (RGSM) Concurrence for Not Likely to Adversely Affect (SWFL, BAEA)
22420-2006-F-0009 Bernalillo Priority Site Project Proposed by the Bureau of Reclamation	U.S. Bureau of Reclamation	Albuquerque Reach of the Middle Rio Grande (Angostura Diversion Dam to the Isleta Diversion Dam and the entire width of the 100-year floodplain within that reach)	River Maintenance	May 5, 2006	RGSM SWFL BAEA	RGSM	No Jeopardy/No Adverse Modification (RGSM) Concurrence for Not Likely to Adversely Affect (SWFL, BAEA)
22420-2006-F-039 Sandia Priority Site Project Proposed by the Bureau of Reclamation	U.S. Bureau of Reclamation	Albuquerque Reach of the Middle Rio Grande (Angostura Diversion Dam to the Isleta Diversion Dam and the entire width of the 100-year floodplain within that reach)	River Maintenance	June 23, 2006	RGSM SWFL	RGSM	No Jeopardy/No Adverse Modification (RGSM) Concurrence for Not Likely to Adversely Affect (SWFL, BAEA)

Consultation Number and Project Name	Action Agency	Location	Project Type	BiOp Issue Date	Species	Critical Habitat	Conclusion
22420-1998-F-0168-R002 Rio Grande Restoration Project at Santa Ana Pueblo	U.S. Bureau of Reclamation	Pueblo of Sandia, Sandoval County, New Mexico	River Maintenance and Habitat Restoration	October 29, 2007	RGSM SWFL		No Jeopardy (RGSM) Concurrence for Not Likely to Adversely Affect (SWFL)
22420-2006-F-160 Middle Rio Grande Riverine Habitat Restoration Phase II Project Proposed by the Interstate Stream Commission	U.S. Bureau of Reclamation	Albuquerque Reach of the Middle Rio Grande (Angostura Diversion Dam to the Isleta Diversion Dam and the entire width of the 100-year floodplain)	Habitat Restoration	January 10, 2007	RGSM SWFL BAEA	RGSM	No Jeopardy /No Adverse Modification (RGSM) Concurrence for Not Likely to Adversely Affect (SWFL, BAEA)
22420-2006-F-161 Rio Grande Nature Center Habitat Restoration Project for the Albuquerque Reach of the Rio Grande in Bernalillo County, New Mexico	U.S. Army Corps of Engineers	Albuquerque Reach of the Middle Rio Grande (Angostura Diversion Dam to the Isleta Diversion Dam and the entire width of the 100-year floodplain)	Habitat Restoration	February 1, 2007	RGSM SWFL BAEA	RGSM	No Jeopardy/No Adverse Modification (RGSM) Concurrence for Not Likely to Adversely Affect (SWFL, BAEA)
22420-2007-F-0003 City of Albuquerque's Habitat Restoration Project	U.S. Bureau of Reclamation	Albuquerque Reach of the Middle Rio Grande (North Rio Bravo site to the Isleta Diversion Dam and the entire width of the 100-year floodplain)	Habitat Restoration	February 15, 2007	RGSM SWFL BAEA	RGSM	No Jeopardy/ Effects to critical habitat insignificant and discountable (RGSM) Concurrence for Not Likely to Adversely Affect (SWFL, BAEA)
22420-2007-F-0056 Corrales Siphon River Maintenance Project	U.S. Bureau of Reclamation	Albuquerque Reach (Angostura Diversion Dam to the Isleta Diversion Dam and the entire width of the 100-year Rio Grande floodplain within that reach)	River Maintenance (installation of bio-engineered bankline)	September 12, 2007	RGSM SWFL	RGSM	No Jeopardy/No Adverse Modification (RGSM) Concurrence for Not Likely to Adversely Affect (SWFL)

Consultation Number and Project Name	Action Agency	Location	Project Type	BiOp Issue Date	Species	Critical Habitat	Conclusion
22420-2007-F-0125 I-40 Trail and Rio Grande Crossing Project	U.S. Department of Transportation	Albuquerque Reach of the Middle Rio Grande (Angostura Diversion Dam to the Isleta Diversion Dam and the entire width of the 100-year Rio Grande floodplain within that reach)	Extension of pedestrian bicycle trail	February 28, 2008	RGSM SWFL	RGSM	No Jeopardy (RGSM) No Adverse Mod. (RGSM) Concurrence for Not Likely to Adversely Affect (SWFL)
22420-2008-F-0004 Management of Exotics for the Recovery of Endangered Species (MERES) Sandia Restoration Project	U.S. Fish and Wildlife Service	Albuquerque Reach of the Middle Rio Grande (Angostura Diversion Dam to the Isleta Diversion Dam and the entire width of the 100-year Rio Grande floodplain within that reach)	Habitat Restoration	January 9, 2008	RGSM SWFL		No Jeopardy (RGSM) Concurrence for Not Likely to Adversely Affect (SWFL)
22420-2008-F-0125 Bosque Revitalization at Route 66 Project for the Albuquerque Reach of the Rio Grande in Bernalillo County, New Mexico	U.S. Army Corps of Engineers	Albuquerque Reach of the Middle Rio Grande (entire width of the 100-year flood plain within the reach from the Angostura Diversion Dam to the Isleta Diversion Dam)	Habitat Restoration	July 10, 2008	RGSM SWFL	RGSM	No Jeopardy/Effects to critical habitat insignificant and discountable (RGSM) Concurrence for Not Likely to Adversely Affect (SWFL)
22420-1998-F-0168-R002 Rio Grande Restoration Project at Santa Ana Pueblo	U.S. Bureau of Reclamation	Pueblo of Sandia, Sandoval County, New Mexico	River Maintenance and Habitat Restoration (replaces October 29, 2007 BiOp)	March 3, 2008	RGSM SWFL		No Jeopardy (RGSM) Concurrence for Not Likely to Adversely Affect (SWFL)

Consultation Number and Project Name	Action Agency	Location	Project Type	BiOp Issue Date	Species	Critical Habitat	Conclusion
<p>22420-2009-F-0016</p> <p>Middle Rio Grande Riverine Habitat Restoration Phase IIa Project Proposed by the Interstate Stream Commission</p>	<p>U.S. Bureau of Reclamation</p>	<p>Albuquerque Reach of the Middle Rio Grande (entire width of the 100-year flood plain of the Rio Grande encompassing 4 subreaches extending from the North Diversion Channel downstream to the I-25 bridge)</p>	<p>Habitat Restoration</p>	<p>September 1, 2009</p>	<p>RGSM SWFL</p>	<p>RGSM</p>	<p>No Jeopardy/No Adverse Modification (RGSM)</p> <p>Concurrence for Not Likely to Adversely Affect (SWFL)</p>
<p>22420-2009-F-0022</p> <p>Pueblo of Sandia Bosque Rehabilitation Project</p>	<p>U.S. Bureau of Reclamation</p>	<p>Albuquerque Reach of the Middle Rio Grande (entire width of the 100-year flood plain of the Rio Grande on the east side of the main channel, and including the main channel, extending for approximately one mile along the river on Pueblo of Sandia lands)</p>	<p>Habitat Restoration</p>	<p>May 14, 2009</p>	<p>RGSM SWFL</p>		<p>No Jeopardy (RGSM)</p> <p>Concurrence for Not Likely to Adversely Affect (SWFL)</p>
<p>22420-2010-F-0083</p> <p>Pueblo of Sandia Riverine Habitat Restoration Project</p>	<p>U.S. Bureau of Reclamation</p>	<p>Albuquerque Reach of the Middle Rio Grande (entire width of the 100-year floodplain of the Rio Grande from RM 194 to 196)</p>	<p>Habitat Restoration</p>	<p>September 23, 2010</p>	<p>RGSM SWFL</p>		<p>No Jeopardy (RGSM)</p> <p>Concurrence for Not Likely to Adversely Affect (SWFL)</p>

Consultation Number and Project Name	Action Agency	Location	Project Type	BiOp Issue Date	Species	Critical Habitat	Conclusion
22420-2010-F-0077 Middle Rio Grande Bosque Restoration Project, Bernalillo and Sandoval Counties, New Mexico	U.S. Army Corps of Engineers	Albuquerque Reach of the Middle Rio Grande (entire width of the 100-year floodplain of the Rio Grande from RM 198.4 to 172)	Habitat Restoration	April 15, 2011	RGSM SWFL	RGSM	No Jeopardy/No Adverse Modification (RGSM) Concurrence for Not Likely to Adversely Affect (SWFL)
22420-2011-F-0035 New Mexico State Trust Land Riverine Restoration Project within the Albuquerque Reach of the Middle Rio Grande	U.S. Forest Service	Albuquerque Reach of the Middle Rio Grande (entire width of the 100 year floodplain of the Rio Grande from RM 172.6 to 173.4)	Habitat Restoration	August 19, 2011	RGSM SWFL	RGSM	No Jeopardy/No Adverse Modification (RGSM) Concurrence for Not Likely to Adversely Affect (SWFL)
22420-2011-F-0024 Discharge of Pollutants in Stormwater and Certain Non-stormwater Discharges from the Large Municipal Stormwater Sewer Systems (MS4) in the Albuquerque Urbanized Area in Bernalillo County, New Mexico	U.S. Environmental Protection Agency	Middle Rio Grande (entire width of the 100-year floodplain of the Rio Grande from the outfall of the North Diversion Channel with the Rio Grande including any areas of mixing)	Stormwater discharge under NPDES Permit	September 29, 2011	RGSM SWFL	RGSM SWFL	No Jeopardy/No Adverse Modification (RGSM) Concurrence for Not Likely to Adversely Affect (SWFL)
02ENNM00-2012-F-0005 Regrading of the North Diversion Channel Embayment	U.S. Army Corps of Engineers	Albuquerque Reach of the Middle Rio Grande (between the Angostura and Isleta Diversion Dams)	River Maintenance	January 3, 2012	RGSM SWFL	RGSM	No Jeopardy/No Adverse Modification (RGSM) Concurrence for Not Likely to Adversely Affect (SWFL)
02ENNM00-2012-F-0062 Pueblo of Santa Ana Bar 3 Modification Project	U.S. Bureau of Reclamation	Albuquerque Reach of the Middle Rio Grande (from RM 205.8 to 206.3)	Habitat Restoration	July 30, 2012	RGSM SWFL		No Jeopardy (RGSM) Concurrence for Not Likely to Adversely Affect (SWFL)

Consultation Number and Project Name	Action Agency	Location	Project Type	BiOp Issue Date	Species	Critical Habitat	Conclusion
02ENNM00-2012-F-0091 Effects of the Albuquerque- Bernalillo County Water Utility Authority's San Juan-Chama Drinking Water Environmental Mitigation Project	U.S. Bureau of Reclamation	Albuquerque Reach of the Middle Rio Grande (directly upstream and downstream of the Paseo del Norte Bridge crossing)	Habitat Restoration	December 11, 2012	RGSM SWFL Yellow-billed cuckoo (YBCU)	RGSM	No Jeopardy (RGSM) Concurrence for Not Likely to Adversely Affect (SWFL) Concurrence for Not Likely to Jeopardize (YBCU)
02ENNM00-2013-F-0029 Effects of the Middle Rio Grande Rio Rancho Open Space Habitat Restoration Project	U.S. Bureau of Reclamation	Albuquerque Reach of the Middle Rio Grande between Arroyo Venada (RM 202.5) and Barrancas Arroyo (RM 202.5)	Habitat Restoration	February 12, 2013	RGSM SWFL	RGSM	No Jeopardy (RGSM, SWFL) No adverse Modification (RGSM)
02ENNM00-2013-F-0061 Effects of the Pueblo of Santo Domingo Priority Sites RM 224.6 and 223.9	U.S. Bureau of Reclamation	Albuquerque Reach of the Middle Rio Grande within the boundaries of Santo Domingo at RM 224.6 and 223.9	River Maintenance	September 10, 2013	RGSM		No Jeopardy (RGSM)
02ENNM00-2013-F-0070 Effects of the Pueblo of Santa Ana Priority Site RM 205.8	U.S. Bureau of Reclamation	Albuquerque Reach of the Middle Rio Grande within the boundaries of the Pueblo of Santa Ana (at RM 205.8)	River maintenance	September 25, 2013	RGSM		No Jeopardy (RGSM)
02ENNM00-2014-F-0010 Effects of the State Trust Land Bosque Riparian Restoration and Associated Swale Construction Project	U.S. Bureau of Reclamation	South Diversion Subreach of the Albuquerque Reach of the Middle Rio Grande (from RM 173 to 174.1)	Habitat Restoration, Swale Construction.	December 6, 2013	RGSM SWFL	RGSM	No Jeopardy/No Adverse Modification (RGSM) Concurrence for Not Likely to Adversely Affect (SWFL)

Consultation Number and Project Name	Action Agency	Location	Project Type	BiOp Issue Date	Species	Critical Habitat	Conclusion
02ENNM00-2015-F-0363 Regrading of the North Diversion Channel Embayment	U.S. Army Corps of Engineers	Albuquerque Reach of the Middle Rio Grande (between the Angostura and Isleta Diversion Dams)	River Maintenance	October 14, 2015	RGSM SWFL YBCU	RGSM	No Jeopardy/ Concurrence for Not Likely to Adversely Affect (RGSM, SWFL, YBCU)
02ENNM00-2016-F-0383 Pueblo of Sandia Habitat Restoration Project	U.S. Bureau of Reclamation	Between RM 196 and 195, in Sandoval County, during 2016 to 2019	Habitat Restoration	March 14, 2016	RGSM SWFL YBCU	RGSM SWFL YBCU	Concurrence for Not Likely to Adversely Affect (SWFL, YBCU) No jeopardy (RGSM)
Isleta Reach							
22420-2005-F-0350 Rio Grande Island Removal Project at the Pueblo of Isleta	U.S. Army Corps of Engineers	Isleta Reach of the Middle Rio Grande (Isleta Diversion Dam to the San Acacia Diversion Dam and the entire width of the 100-year floodplain)	Habitat Restoration	August 29, 2005	RGSM SWFL BAEA		No Jeopardy (RGSM) Concurrence for Not Likely to Adversely Affect (SWFL, BAEA)
22420-2007-F-0021 Perennial Rio Grande Silvery Minnow Refugia at Drain Outfalls Project	U.S. Bureau of Reclamation	Isleta Reach of the Middle Rio Grande (entire width of the 100-year floodplain within the Isleta Reach from the Los Chavez Wasteway to the San Acacia Diversion Dam)	Habitat Restoration	July 18, 2007	RGSM SWFL BAEA	RGSM SWFL	No Jeopardy/No Adverse Modification (RGSM) Concurrence for Not Likely to Adversely Affect (SWFL, BAEA)
22420-2007-F-0041 Drain Unit 7 Extension Priority Site Project	U.S. Bureau of Reclamation	Isleta Reach (entire width of the 100-year floodplain from the Isleta Diversion Dam to the San Acacia Diversion Dam)	Bankline reinforcement	April 6, 2007	RGSM	RGSM	No Jeopardy/No Adverse Modification (RGSM)

Consultation Number and Project Name	Action Agency	Location	Project Type	BiOp Issue Date	Species	Critical Habitat	Conclusion
22420-2009-F-0001 Drain Unit 7 Extension River Maintenance Priority Site Project	U.S. Bureau of Reclamation	Isleta Reach (entire width of the 100-year floodplain of the Rio Grande from the San Acacia Diversion Dam to the upstream boundary of the anticipated disturbance zone)	Bankline reinforcement	October 24, 2008	RGSM	RGSM	No Jeopardy/No Adverse Modification (RGSM)
22420-2009-F-0002 Middle Rio Grande Isleta Reach Riverine Habitat Restoration Project	U.S. Bureau of Reclamation	Isleta Reach of the Middle Rio Grande (entire width of the 100-year floodplain of the Rio Grande from RM 152.5 to 147.7, encompassing both the Peralta and LP1DR subreaches)	Habitat Restoration	February 12, 2009	RGSM SWFL	RGSM SWFL	No Jeopardy/No Adverse Modification (RGSM) Concurrence for Not Likely to Adversely Affect (SWFL)
22420-2010-F-0060 Middle Rio Grande Isleta Reach Phase II Riverine Habitat Restoration Project	U.S. Bureau of Reclamation	Isleta Reach of the Middle Rio Grande (entire width of the 100 year floodplain of the Rio Grande from RM 147.7 to 137.9, encompassing the Belen, LP2DR, Feeder 3, and Storey subreaches)	Habitat Restoration	July 29, 2010	RGSM SWFL	RGSM SWFL	No Jeopardy/No Adverse Modification (RGSM) Concurrence for Not Likely to Adversely Affect (SWFL)

Consultation Number and Project Name	Action Agency	Location	Project Type	BiOp Issue Date	Species	Critical Habitat	Conclusion
22420-2005-F-0522 Tiffany Sediment Plug Removal	U.S. Bureau of Reclamation	San Acacia Reach of the Middle Rio Grande (San Acacia Division/Reach of the Rio Grande and the width of the river channel from levee to levee within this reach)	River Maintenance (Excavation of a pilot channel through the sediment plug)	September 1, 2005	RGSM SWFL BAEA	RGSM SWFL	No Jeopardy/No Adverse Modification (RGSM) Concurrence for Not Likely to Adversely Affect (SWFL, BAEA)
22420-2006-FE-0100 Fire Suppression and Burned Area Emergency Rehabilitation Activities Related to the Marcial Fire	U.S. Fish and Wildlife Service	San Acacia Reach of the Middle Rio Grande (Adjacent to Bosque del Apache National Wildlife Refuge)	Emergency fire suppression	May 4, 2006	RGSM SWFL BAEA	RGSM SWFL	Recommendations to avoid or minimize impacts to listed species
22420-2008-F-0017 Elephant Butte Reservoir Temporary Channel Maintenance Project	U.S. Bureau of Reclamation	San Acacia Reach of the Middle Rio Grande (San Acacia Diversion Dam to Elephant Butte Reservoir, and the entire width of the 100-year Rio Grande floodplain within that reach)	River Maintenance (maintenance operations, future temporary channel construction, widening and realignment of the existing temporary channel)	January 25, 2008	RGSM SWFL	RGSM SWFL	No Jeopardy/No Adverse Modification (RGSM, SWFL)

Consultation Number and Project Name	Action Agency	Location	Project Type	BiOp Issue Date	Species	Critical Habitat	Conclusion
22420-2008-F-145 Rio Grande Sediment Plug Removal Project at Bosque del Apache National Wildlife Refuge	U.S. Bureau of Reclamation	San Acacia Reach of the Middle Rio Grande (San Acacia Diversion Dam to Elephant Butte Reservoir, and the entire width of the 100-year Rio Grande floodplain within that reach)	River Maintenance (excavation of a pilot channel through the sediment plug)	September 23, 2008	RGSM SWFL	RGSM SWFL	No Jeopardy/No Adverse Modification (RGSM) Concurrence for Not Likely to Adversely Affect (SWFL)
22420-2009-F-0013 San Acacia Diversion Dam (SADD) Field Exploration Project	U.S. Bureau of Reclamation	San Acacia Reach of the Middle Rio Grande (entire width of the 100-year floodplain of the Rio Grande from the San Acacia Diversion Dam to the downstream boundary of the anticipated disturbance zone)	Core drilling to determine geological conditions	December 22, 2008	RGSM	RGSM	No Jeopardy/No Adverse Modification (RGSM)
22420-2009-F-0041 Elephant Butte Reservoir Five Year Operation Plan (Draft)	U.S. Bureau of Reclamation	Elephant Butte Reservoir, Sierra and Socorro Counties, New Mexico	5-year operating plan	August 17, 2009	SWFL	SWFL	Draft No Jeopardy/No Adverse Modification (SWFL)

Consultation Number and Project Name	Action Agency	Location	Project Type	BiOp Issue Date	Species	Critical Habitat	Conclusion
02ENNM00-2012-F-0015 San Acacia Levee Project	U.S. Army Corps of Engineers	100-year floodplain, San Acacia to Tiffany	Construct new engineered levee	February 28, 2013	RGSM SWFL Northern Aplomado falcon (NAF) LETE	RGSM SWFL	No Jeopardy (RGSM, SWFL) Concurrence for Not Likely to Adversely Affect (NAF, LETE)
02ENNM00-2015-F-0734 Rio Grande Project Operating Agreement and storage of San Juan-Chama Project water in Elephant Butte Reservoir, New Mexico	U.S. Bureau of Reclamation	Elephant Butte Reservoir from full pool to dead pool	Continuation of Rio Grande Operating agreement and storage of San Juan-Chama Project water in Elephant Butte Reservoir	May 26, 2016	RGSM SWFL YBCU	RGSM SWFL YBCU	Concurrence for Not Likely to Adversely Affect (RGSM) No Jeopardy (SWFL, YBCU)
02ENNM00-2015-F-0103 Delta Channel Maintenance Project	U.S. Bureau of Reclamation	Elephant Butte Reservoir (from RM 57.8 south to the current reservoir pool)	River maintenance, project-related road and staging area maintenance	December 22, 2014	RGSM SWFL YBCU	SWFL YBCU	No Jeopardy (RGSM) Concurrence for Not Likely to Adversely Affect (SWFL, YBCU)
02ENNM00-2016-F-0287 NMISC San Acacia Habitat Restoration Project	U.S. Bureau of Reclamation	West bank of the Rio Grande in the San Acacia Reach between RM 116 and 99, in Socorro County, NM, during 2016 to 2019	Habitat Restoration	February 16, 2016	RGSM SWFL YBCU	RGSM YBCU	No Jeopardy (RGSM) Concurrence for Not Likely to Adversely Affect (SWFL, YBCU)